Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An electric motor comprising:

a housing, ~~comprising~~

at least one rotor provided with magnetized regions and mounted rotatably about a rotor axis in the housing, and

~~comprising~~ a stator having at least one stator unit, each of said at least one stator units including a set of first pole shoes, formed as claw poles, and a set of second pole shoes, formed as claw poles, ~~which~~ said first and second sets of pole shoes being ~~are~~ disposed around the rotor axis, ~~as well as~~

a coil positioned following the rotor in the direction of the rotor axis and with ~~its~~ coil windings arranged to encircle the rotor axis~~, by means of which~~ for magnetizing the first and second pole shoes ~~can be magnetized~~,

~~the~~ each of said at least one stator units having two pole shoe elements: ~~of which~~

a first pole shoe element ~~has~~ having a first pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing the rotor, ~~as well as~~ the first pole shoes formed integrally onto ~~this~~ the first pole shoe carrier~~, which~~ such that the first pole shoes extend away from the first pole shoe carrier in a first direction approximately parallel to the rotor axis, and ~~of which~~

a second pole shoe element ~~has~~ having a second pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing away from the rotor, ~~as well as~~ the second pole shoes formed integrally onto ~~this~~ the second pole shoe carrier~~, which~~ such that the second pole shoes ~~also~~ extend in the first direction away from the second pole shoe carrier approximately parallel to the rotor axis beyond the rotor, ~~and~~

the first pole shoe element carrying a connecting element which is formed integrally onto the first pole shoe carrier and establishes a magnetic circuit between the pole shoe carriers, the connecting element being fixedly connected to the second pole shoe carrier, ~~at least~~

the second pole shoe carrier is connected to a bearing support which carries a rotary bearing for the rotor; and

a receiving portion of the bearing support engages into the connecting element.

2. (Currently amended) An electric motor according to claim 1, wherein the connecting element is ~~formed onto~~ deep drawn from the pole shoe carrier ~~by means of deep drawing~~.

3. (Original) An electric motor according to claim 1, wherein the connecting element is formed as a sleeve.

4. (Original) An electric motor according to claim 3, wherein the sleeve forms a winding former for the coil.

5. (Currently amended) An electric motor according to claim 1, wherein the connecting element is ~~connected~~ joined to the second pole shoe carrier ~~by means of joining~~.

6. (Original) An electric motor according to claim 5, wherein the connecting element is welded to the second pole shoe carrier.

7. (Original) An electric motor according to claim 1, wherein the connecting element and the first pole shoe carrier are provided with an electrically insulating coating on the side facing the coil.

8. (Original) An electric motor according to claim 7, wherein the second pole shoe carrier is provided with an electrically insulating coating on the side facing the coil.

9. (Original) An electric motor according to claim 7, wherein the coating has a thickness of less than 10 μm.

10. (Currently amended) An electric motor according to claim 7, wherein the coating has a glass-like consistency and comprises quartz.

11. (Original) An electric motor according to claim 1, wherein the pole shoe elements are provided with a corrosion-resistant coating.

12. (Original) An electric motor according to claim 1, wherein the second pole shoes overlap the coil.

13. (Currently amended) An electric motor according to claim 1, wherein the first and second pole shoes lie on the same cylindrical surface which extends about the rotor axis and that the ~~one~~ first pole shoes are disposed in the gaps between the second ~~other~~ pole shoes.

14. (Original) An electric motor according to claim 13, wherein the pole shoes disposed successively in an azimuthal direction around the rotor axis have identical angular spacings from each other.

15. (Currently amended) An electric motor according to claim 14, wherein the first and second pole shoes extend ~~so far~~ in the first direction such that their ends lie in a common plane running perpendicular to the rotor axis.

16-17. (Cancelled).

18. (Currently amended) An electric motor according to claim 1 ~~16~~, wherein the bearing support is made of plastics.

19. (Currently amended) An electric motor according to claim 1, wherein the electric motor has a stator, two stator units and a rotor having a respective rotor unit associated with each stator unit, the rotor units being seated on a common shaft.

20. (Original) An electric motor according to claim 19, wherein the stator units are arranged in such a way that their pole shoes face each other.

21. (Original) An electric motor according to claim 19, wherein for both stator units, all pole shoes are disposed on the same cylindrical surface around the rotor axis.

22. (Original) An electric motor according to claim 19, wherein both of the stator units are of identical construction.

23. (Original) An electric motor according to claim 19, wherein holding positions of the rotor units, determined by magnetic effect, relative to the respective stator units, are rotationally displaced in relation to each other by half a pole space.

24. (New) An electric micro-motor comprising:

a housing,

at least one rotor provided with magnetized regions and mounted rotatably about a rotor axis in the housing, and

a stator having at least one stator unit, each of said at least one stator units including a set of first pole shoes, formed as claw poles, and a set of second pole shoes, formed as claw poles, said first and second sets of pole shoes being disposed around the rotor axis,

a coil positioned following the rotor in the direction of the rotor axis and with coil windings arranged to encircle the rotor axis for magnetizing the first and second pole shoes,

each of said at least one stator units having two pole shoe elements:

a first pole shoe element having a first pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing the rotor, the first pole shoes formed integrally onto the first pole shoe carrier such that the first pole shoes extend away from the first pole shoe carrier in a first direction approximately parallel to the rotor axis, and

a second pole shoe element having a second pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing away from the rotor, the second pole shoes formed integrally onto the second pole shoe carrier such that the second pole shoes extend in the first direction away from the second pole shoe carrier approximately parallel to the rotor axis beyond the rotor,

the first pole shoe element carrying a connecting element which is formed integrally onto the first pole shoe carrier and establishes a magnetic circuit between the pole shoe carriers, and

the connecting element is welded to the second pole shoe carrier.

25. (New) An electric micro-motor according to claim 24, wherein said connecting element is laser welded to the second pole shoe carrier.

26. (New) An electric motor comprising:

a housing,

at least one rotor provided with magnetized regions and mounted rotatably about a rotor axis in the housing, and

a stator having at least one stator unit, each of said at least one stator units including a set of first pole shoes, formed as claw poles, and a set of second pole shoes, formed as claw poles, said first and second sets of pole shoes being disposed around the rotor axis,

a coil positioned following the rotor in the direction of the rotor axis and with coil windings arranged to encircle the rotor axis for magnetizing the first and second pole shoes,

each of said at least one stator units having two pole shoe elements:

a first pole shoe element having a first pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing the rotor, the first pole shoes formed integrally onto the first pole shoe carrier such that the first pole shoes extend away from the first pole shoe carrier in a first direction approximately parallel to the rotor axis, and

a second pole shoe element having a second pole shoe carrier which extends transversely with respect to the rotor axis and is disposed on a side of the coil facing away from the rotor, the second pole shoes formed integrally onto the second pole shoe carrier such that the second pole shoes extend in the first direction away from the second pole shoe carrier approximately parallel to the rotor axis beyond the rotor,

the first pole shoe element carrying a connecting element which is formed integrally onto the first pole shoe carrier and establishes a magnetic circuit between the pole shoe carriers, the connecting element being fixedly connected to the second pole shoe carrier, and

the connecting element and the first pole shoe carrier are each provided with an electrically insulating glass-like coating comprising quartz on a side facing the coil.

27. (New) An electric motor according to claim 26, wherein:

the second pole shoe carrier is provided with said coating on a side facing the coil.

28. (New) An electric motor in accordance with claim 27, wherein:

the coating is corrosion resistant and covers substantially all of the connecting element and the first and second pole shoe carriers.